RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/534,544_
Source: _PCT/10_
Date Processed by STIC: _5/19/05_

ENTERED

PCT

RAW SEQUENCE LISTING   DATE: 05/19/2005
PATENT APPLICATION: US/10/534,544   TIME: 10:37:49

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\05182005\J534544.raw

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   3  <110> APPLICANT: Pietrokovski, Shmuel
   4        Amitai, Gil
   6  <120> TITLE OF INVENTION: CHIMERIC AUTOPROCESSING POLYPEPTIDES AND USES THEREOF
   8  <130> FILE REFERENCE: 29489
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/534,544
C--> 10 <141> CURRENT FILING DATE: 2005-05-10
  10  <160> NUMBER OF SEQ ID NOS: 109
  12  <170> SOFTWARE: PatentIn version 3.2
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Does Not Comply
Corrected Diskette Neede·

ERRORED SEQUENCES

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7105 <210> SEQ ID NO: 109
7106 <211> LENGTH: 541
7107 <212> TYPE: PRT
7108 <213> ORGANISM: artificial sequence
7110 <220> FEATURE:
7111 <223> OTHER INFORMATION: MBP-PsyBIL carboxy terminal cleavage product
7113 <400> SEQUENCE: 109
7115 Met Lys Thr Glu Glu Gly Lys Leu Val Ile Trp Ile Asn Gly Asp Lys
7116 1               5                   10                  15
7119 Gly Tyr Asn Gly Leu Ala Glu Val Gly Lys Lys Phe Glu Lys Asp Thr
7120             20                  25                  30
7123 Gly Ile Lys Val Thr Val Glu His Pro Asp Lys Leu Glu Glu Lys Phe
7124             35                  40                  45
7127 Pro Gln Val Ala Ala Thr Gly Asp Gly Pro Asp Ile Ile Phe Trp Ala
7128         50                  55                  60
7131 His Asp Arg Phe Gly Gly Tyr Ala Gln Ser Gly Leu Leu Ala Glu Ile
7132 65                  70                  75                  80
7135 Thr Pro Asp Lys Ala Phe Gln Asp Lys Leu Tyr Pro Phe Thr Trp Asp
7136             85                  90                  95
7139 Ala Val Arg Tyr Asn Gly Lys Leu Ile Ala Tyr Pro Ile Ala Val Glu
7140             100                 105                 110
7143 Ala Leu Ser Leu Ile Tyr Asn Lys Asp Leu Leu Pro Asn Pro Pro Lys
7144             115                 120                 125
7147 Thr Trp Glu Glu Ile Pro Ala Leu Asp Lys Glu Leu Lys Ala Lys Gly
7148         130                 135                 140
7151 Lys Ser Ala Leu Met Phe Asn Leu Gln Glu Pro Tyr Phe Thr Trp Pro
7152 145                 150                 155                 160
7155 Leu Ile Ala Ala Asp Gly Gly Tyr Ala Phe Lys Tyr Glu Asn Gly Lys
7156             165                 170                 175
7159 Tyr Asp Ile Lys Asp Val Gly Val Asp Asn Ala Gly Ala Lys Ala Gly
7160             180                 185                 190
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7163 Leu Thr Phe Leu Val Asp Leu Ile Lys Asn Lys His Met Asn Ala Asp
7164         195                 200                 205
7167 Thr Asp Tyr Ser Ile Ala Glu Ala Ala Phe Asn Lys Gly Glu Thr Ala
7168     210                 215                 220
7171 Met Thr Ile Asn Gly Pro Trp Ala Trp Ser Asn Ile Asp Thr Ser Lys
7172 225                 230                 235                 240
7175 Val Asn Tyr Gly Val Thr Val Leu Pro Thr Phe Lys Gly Gln Pro Ser
7176             245         .       250                 255
7179 Lys Pro Phe Val Gly Val Leu Ser Ala Gly Ile Asn Ala Ala Ser Pro
7180             260                 265                 270
7183 Asn Lys Glu Leu Ala Lys Glu Phe Leu Glu Asn Tyr Leu Leu Thr Asp
7184         275                 280                 285
7187 Glu Gly Leu Glu Ala Val Asn Lys Asp Lys Pro Leu Gly Ala Val Ala
7188         290                 295                 300
7191 Leu Lys Ser Tyr Glu Glu Glu Leu Ala Lys Asp Pro Arg Ile Ala Ala
7192 305                 310                 315                 320
7195 Thr Met Glu Asn Ala Gln Lys Gly Glu Ile Met Pro Asn Ile Pro Gln
7196             325                 330                 335
7199 Met Ser Ala Phe Trp Tyr Ala Val Arg Thr Ala Val Ile Asn Ala Ala
7200             340                 345                 350
7203 Ser Gly Arg Gln Thr Val Asp Glu Ala Leu Lys Asp Ala Gln Thr Asn
7204             355                 360                 365
7207 Ser Ser Ser Asn Asn Asn Asn Asn Asn Asn Asn Asn Asn Leu Gly Ile
7208         370                 375                 380
7211 Glu Gly Arg Ile Ser Glu Phe Gly Ser Cys Phe Ala Ala Gly Thr Met
7212 385                 390                 395                 400
7215 Val Ser Thr Pro Asp Gly Glu Arg Ala Ile Asp Thr Leu Lys Val Gly
7216             405                 410                 415
7219 Asp Ile Val Trp Ser Lys Pro Glu Gly Gly Gly Lys Pro Phe Ala Ala
7220             420                 425                 430
7223 Ala Ile Leu Ala Thr His Ile Arg Thr Asp Gln Pro Ile Tyr Arg Leu
7224             435                 440                 445
7227 Lys Leu Lys Gly Lys Gln Glu Asn Gly Gln Ala Glu Asp Glu Ser Leu
7228         450                 455                 460
7231 Leu Val Thr Pro Gly His Pro Phe Tyr Val Pro Ala Gln His Gly Phe
7232 465                 470                 475                 480
7235 Val Pro Val Ile Asp Leu Lys Pro Gly Asp Arg Leu Gln Ser Leu Ala
7236             485                 490                 495
7239 Asp Gly Ala Ser Glu Asn Thr Ser Ser Glu Val Glu Ser Leu Glu Leu
7240             500                 505                 510
7243 Tyr Leu Pro Val Gly Lys Thr Tyr Asn Leu Thr Val Asp Val Gly His
7244         515                 520                 525
7247 Thr Phe Tyr Val Gly Lys Leu Lys Thr Trp Val His Asn
7248 '  )  530                 535                 540
E--> 7259 (1)
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/534,544**

DATE: 05/19/2005
TIME: 10:37:51

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\05182005\J534544.raw**

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:32
M:341 Repeated in SeqNo=8
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:32
M:341 Repeated in SeqNo=9
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:32
M:341 Repeated in SeqNo=10
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:32
M:341 Repeated in SeqNo=12
L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:32
M:341 Repeated in SeqNo=13
L:530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:32
M:341 Repeated in SeqNo=14
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16
M:341 Repeated in SeqNo=17
L:808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:32
M:341 Repeated in SeqNo=18
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:32
M:341 Repeated in SeqNo=19
L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:32
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L:1004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:32
M:341 Repeated in SeqNo=21
L:1070 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:32
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L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:32
M:341 Repeated in SeqNo=23
L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:32
M:341 Repeated in SeqNo=24
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:32
M:341 Repeated in SeqNo=25
L:1326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:32
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L:1390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:32
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L:1530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:32
M:341 Repeated in SeqNo=29
L:1596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:32
M:341 Repeated in SeqNo=30
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PATENT APPLICATION: **US/10/534,544**

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Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\05182005\J534544.raw**

L:1662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:32
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L:1726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:32
M:341 Repeated in SeqNo=32
L:7259 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:109